Fractions, Decimals & Percentages: Medium Practice Paper 2 Answers

Q#	Answer	Explanation
1	C	Change 1/3 into sixths: 1/3 = 2/6. Then 5/6 − 2/6 = 3/6, which simplifies to 1/2.
2	B	10% of 60 is 6 and 5% is 3. 6 + 3 = 9.
3	B	0.06 means 6 hundredths, which is 6/100. Dividing top and bottom by 2 gives 3/50.
4	C	First find 1/5 of 350: 350 ÷ 5 = 70. Then multiply by 2: 70 × 2 = 140.
5	C	25% of 80 is 20. Decreasing means taking it away: 80 − 20 = 60.
6	B	Multiply the numerators and the denominators: 1 × 3 = 3 and 4 × 5 = 20, giving 3/20.
7	B	0.24 is 24/100. Dividing top and bottom by 4 gives 6/25.
8	B	36 ÷ 4 = 9, so 3.6 ÷ 4 = 0.9. Check: 0.9 × 4 = 3.6.
9	C	10% of £12.50 is £1.25. The new price is £12.50 + £1.25 = £13.75.
10	D	Multiply top and bottom by 5 to make hundredths: 7/20 = 35/100 = 35%.
11	E	As decimals: 2/5 = 0.4, 43% = 0.43, 4/9 ≈ 0.444, 0.449 and 0.45. The largest is 0.45.
12	C	3/5 is the same as 6/10 = 0.6, so 1 3/5 = 1.6.
13	C	If 60% is 30, then 10% is 30 ÷ 6 = 5. The whole number is 100%, which is 5 × 10 = 50.
14	C	'Of' means multiply: 2/3 × 3/4 = 6/12, which simplifies to 1/2.
15	C	7 × 5 = 35. There is one decimal place in each number, so the answer has two decimal places: 0.35.

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